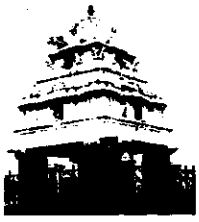
(8)

BRUHAT BANGLORE MAHANAGARA PALIKE



T.Dasarahalli Sub Division

DASARAHALLI-ZONE

Name of Work: Providing & Asphalting to Pot holes filling & Road cuttings in Dasarahalli ward No 14

Estimate Cost :- 10.00 Lakhs

(7)

BRUHATH BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE, DASARAHALLI DIVISION

DETAILED ESTIMATE FOR Providing & Asphalting to Pot holes filling & Road cuttings in Dasarahalli ward No 14

									Est. Cost Rs. :	10.00	
Sl. No.	Description	Unit	Dimensions						Qty.	Rate	Amount
			No.			L.	B.	D			
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.. (PWD SR 2014-15, Page No.138, Item No. 19.1)										
	Ramaiah Layout	Cum			7	4.50	2.50	0.30	23.62		
	Nisarga Layout	Cum			6	4.00	2.00	0.30	14.40		
	Siddeshwra Layout	Cum			8	3.00	2.50	0.30	18.00		
	NMH Layout	Cum			9	7.00	1.00	0.30	18.90		
	Kirloskar Layout	Cum			8	6.00	2.00	0.30	28.80		
	Soundarya Layout	Cum			9	5.50	1.50	0.30	22.27		
	Navy Layout	Cum			8	4.00	3.00	0.30	28.80		
	Manjunatha Nagara	Cum			6	7.00	1.00	0.30	12.60		
	Bagalagunte cross roads	Cum			8	5.00	4.00	0.30	48.00		
	MEI Layout Cross roads	Cum			8	4.00	3.50	0.30	33.60		
	Vishveshwaraiah Layout	Cum			8	4.00	2.00	0.30	19.20		
	Bhuvaneshwari Nagara C/R	Cum			10	8.00	1.00	0.30	24.00		
		Cum			5	5.00	4.00	0.30	30.00		
		Cum			4	4.00	3.00	0.30	14.40		
		Cum			4	3.00	2.00	0.30	7.20		
		Cum			6	8.00	1.00	0.30	14.40		
	BR:70.00 + 5.60(8%)	70.00	5.60		75.60				**358.19**	75.60	27079.00
2	Providing, laying, spreading and compacting graded stone aggregates to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. Specification No. 406 with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.(PWD SR 2014-15, P.No.154, I No.20.18)										
	Ramaiah Layout	Sqm			7	4.50	2.50	0.25	19.68		
	Nisarga Layout	Sqm			6	4.00	2.00	0.25	12.00		
	Siddeshwra Layout	Sqm			8	3.00	2.50	0.25	15.00		

	NMH yout	Sqm			9	7.00	1.00	0.25	15.75		
	Kirloskar Layout	Sqm			8	6.00	2.00	0.25	24.00		
	Soundarya Layout	Sqm			9	5.50	1.50	0.25	18.56		
	Navy Layout	Sqm			8	4.00	3.00	0.25	24.00		
	Manjunatha Nagara	Sqm			6	7.00	1.00	0.25	10.50		
	Bagalagunte cross roads	Sqm			8	5.00	4.00	0.25	40.00		
	MEI Layout Cross roads	Sqm			8	4.00	3.50	0.25	28.00		
	Vishveshwaraiah Layout	Sqm			8	4.00	2.00	0.25	16.00		
	Bhuvaneshwari Nagara C/R	Sqm			10	8.00	1.00	0.25	20.00		
		Sqm			5	5.00	4.00	0.25	25.00		
		Sqm			4	4.00	3.00	0.25	12.00		
		Sqm			4	3.00	2.00	0.25	6.00		
		Sqm			6	8.00	1.00	0.25	12.00		
	BR:1332 + 106.56(8%)	**1332.00**	106.56		1438.56				**298.49**	1438.56	429396.00
3	Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, **painting of tack coat** on the sides and base of excavation as per clause 500.3, back filling the pot holes with hot bituminous material as per clause 500.4, compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications - Filling pot holes and patch repairs with bituminous concrete, 40mm .(PWD SR 2014-15, P.No.265, I No. 35.5)										
	Ramaiah Layout	Cum			7	4.50	2.50		78.75		
	Nisarga Layout	Cum			6	4.00	2.00		48.00		
	Siddeshwra Layout	Cum			8	3.00	2.50		60.00		
	NMH Layout	Cum			9	7.00	1.00		63.00		
	Kirloskar Layout	Cum			8	6.00	2.00		96.00		
	Soundarya Layout	Cum			9	5.50	1.50		74.25		
	Navy Layout	Cum			8	4.00	3.00		96.00		
	Manjunatha Nagara	Cum			6	7.00	1.00		42.00		
	Bagalagunte cross roads	Cum			8	5.00	4.00		160.00		
	MEI Layout Cross roads	Cum			8	4.00	3.50		112.00		
	Vishveshwaraiah Layout	Cum			8	4.00	2.00		64.00		
	Bhuvaneshwari Nagara C/R	Cum			10	8.00	1.00		80.00		
		Cum			5	5.00	4.00		100.00		
		Cum			4	4.00	3.00		48.00		
		Cum			4	3.00	2.00		24.00		
		Cum			6	8.00	1.00		48.00		
	BR:397.00+ 31.76(8%)	397.00	31.76		428.76				**1194.00**	428.76	511939.00
4	Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 4 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete (PWD SR 2014-15, P. 141 and 147 / Item No. 17.1 and 17.4)										

5

		Cum	Qty. vide item (1)						358.19	78.24	28025.00
5	Miscellaneous and other unforeseen charges										3561.00
										Rs.	1000000.0

(Rupees Ten Lakhs Only)

CERTIFICATE

1) The work spot has been inspected and the work is found to be necessary.
2) This estimate is prepared as per C.S.R. of 2014-15 and as per rate analysis.
3) This work is not split up.
4) The provisions made in this estimate are necessary and adequate.
5) This work comes under B.B.M.P. limits.

Assistant Engineer
Ward No.14

Assistant Executive Engineer
T.Dasarahalli Sub Division

Executive Engineer
Dasarahalli Division

ನಂ. EE/DD/AA/19/14-15 ದಿನಾಂಕ : 29/10/14

ರೂ. 10.00 Lakhs
(Rupees ten lakhs only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆದೇಶಾನುಸಾರ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬ.ಮ.ಪ. ಮಾರಸಂದ್ರ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ, ಬೆಂಗಳೂರು.

29/10/14

ನಂ. EE/DD/TS/69/14-15 ದಿನಾಂಕ : 29/10/14

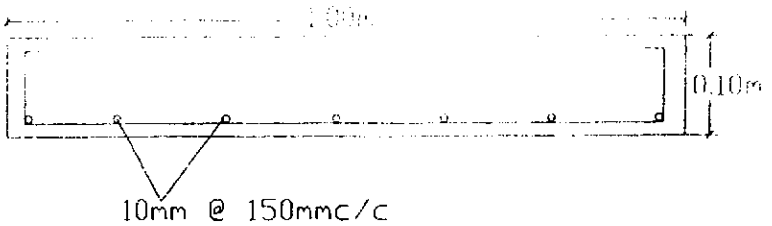
ರೂ. 10.00 Lakhs
(Rupees ten lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬ.ಮ.ಪ. ಮಾರಸಂದ್ರ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ, ಬೆಂಗಳೂರು.

29/10/14

(3)

Rate Analysis for 1.0Sqm of R.C.C Precast of 0.10m Thick by Using PWP&IWTD SR 2012-13



1).Steel Qty= 1x7x1.10=7.70m
= 1x7x0.90=6.30m
Tota=14.00m
=14.00x0.62kgs/m =8.68kgs

Cost of Steel including Fabrications
(P-19/I-4.46,SR 2012-13)=(Rs 71.89/Kgs)=8.68x71.89=Rs.624.00

2).Cost of Concrete Qty= 1.00x1.00x0.10=0.10Cum
(P-13/I-4.11,SR 2012-13)=(Rs.5142.06/Cum)=0.10x5142.06=Rs514.20

3).Cost of Centring work Qty=Slab bottom= 1.10x1.10=1.21Sqm
Alround Slab= 4.00x0.15=0.60Sqm

Total=1.81Sqm

(P-16/I-4.28,SR 2012-13 =1.81x254.40=Rs.460.46

Total=Rs.1598.66

The Cost of precast Slab is Say Rs.1600/Sqm.

AE
Wno.14

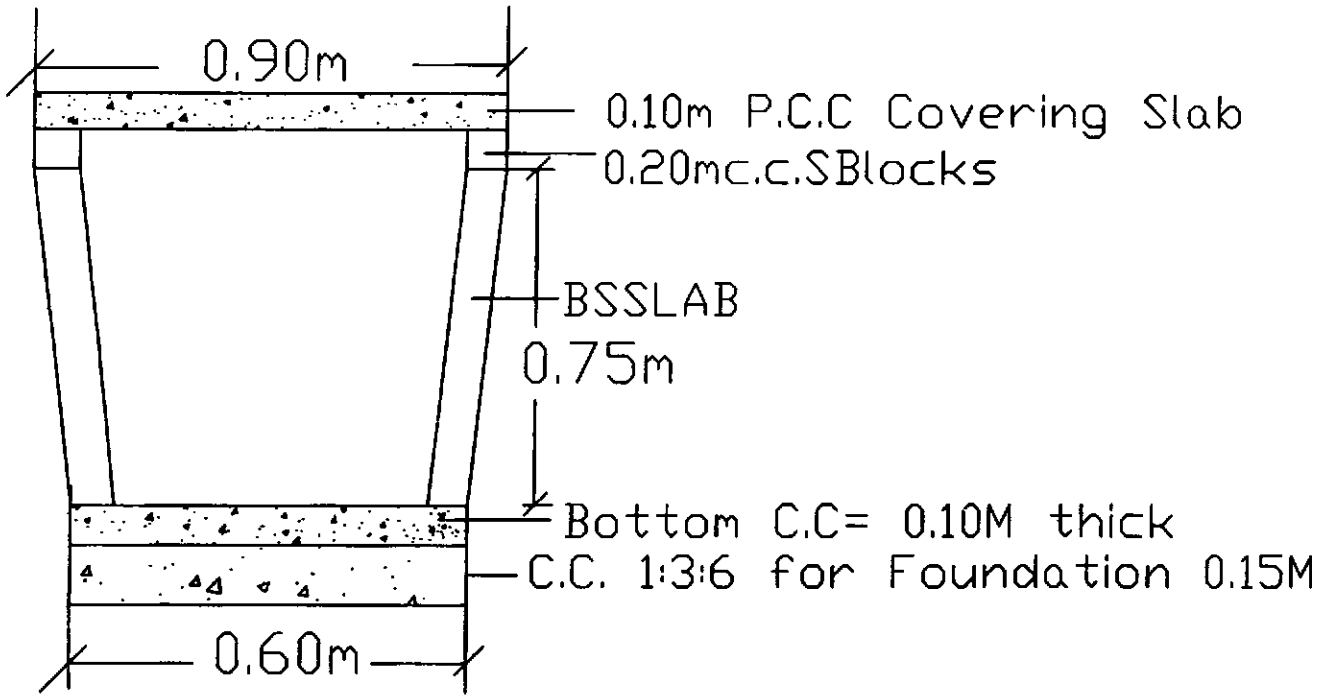
AE
Wno.15

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP Bangalore.

Executive Engineer
Dasarahalli Division
BBMP Bangalore.

Approved

· Name of work:-



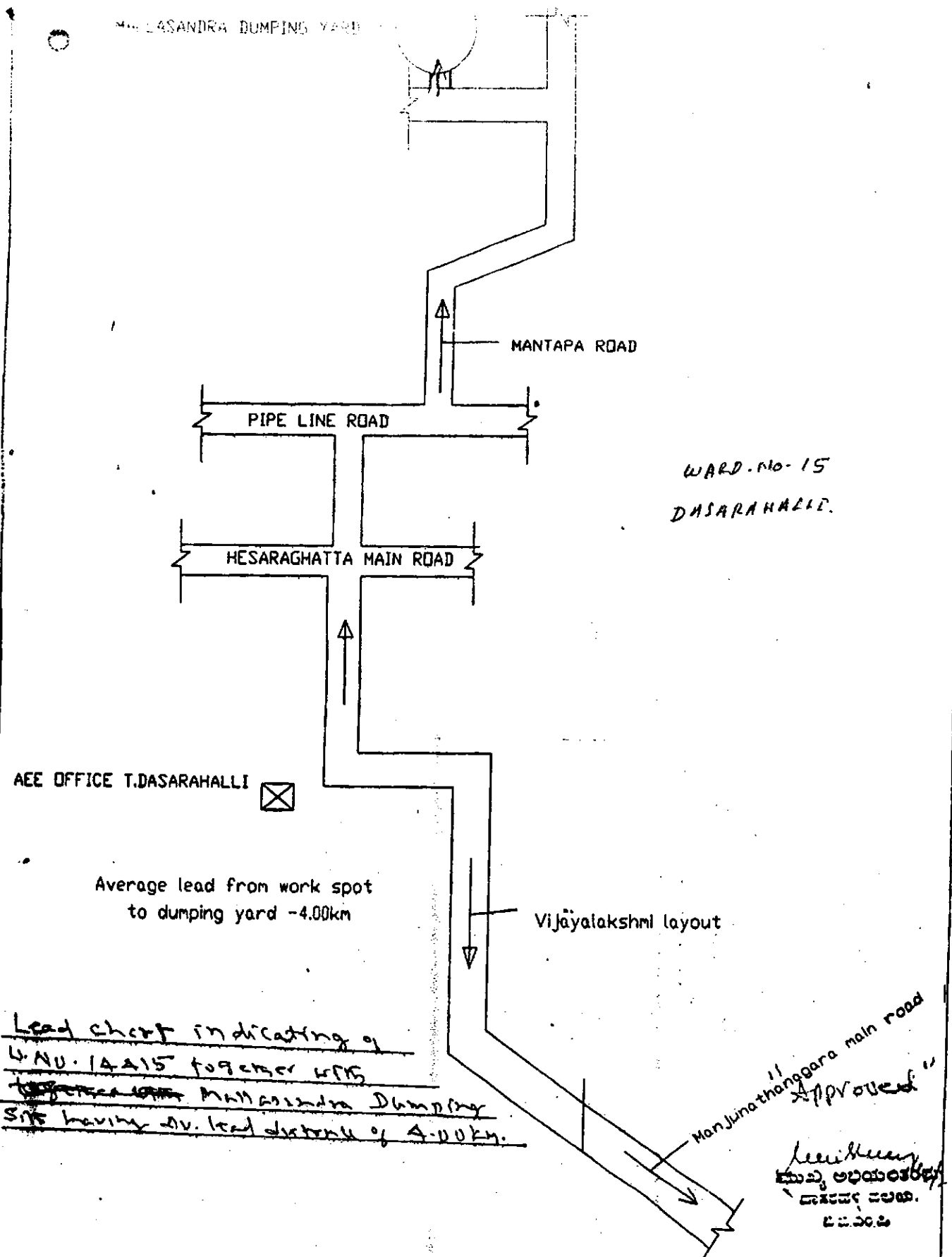
C/S OF B.S.SLAB DRAIN

Assistant Engineer
Ward No.19

Assistant Executive Engineer
T.Dasarahalli Sub Division
BBMP Bangalore

Executive Engineer
Dasarahalli Division
BBMP Bangalore

(1)



WARD. NO- 15

DASARAHALLI.

Lead chart indicating of W.No. 14 & 15 together using Mallasandra Dumping Site having Av. lead distance of 4.00 Km.

"Approved"

Assist. Engineer
Ward no.14 & 15.

Assist. Executive Engineer
T.Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Divison-1
BBMP